

PRELIMINARY DRAWING	
VERSION/DATE	CHANGE REQ DATE
B 103NOV21	****
B 10NOV21	****
•	****
•	****

FINAL APPROVAL SIGN OFF	
ITEM	APPROVER
SCHEMATIC & BOM	
PORT SIZE & LOCATION	
STAMPING	
MATERIAL & COATING	
MOUNTING	

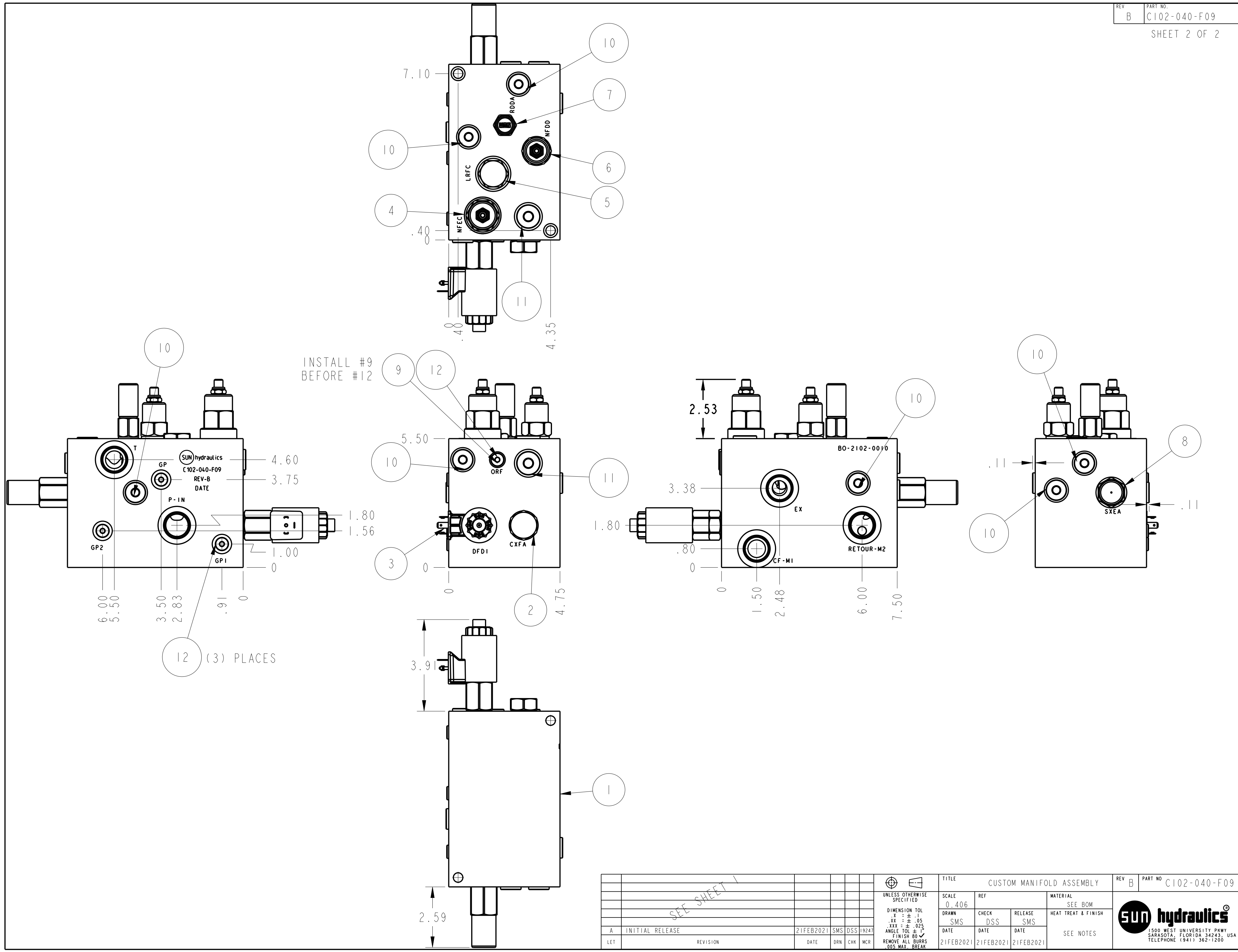
- NOTES:
- 1) SEALS: BUNA-N
 - 2) CARTRIDGES: REFER TO CURRENT SUN LITERATURE FOR CARTRIDGE RANGES, ADJUSTMENT INSTRUCTIONS, AND TECHNICAL INFORMATION
 - 3) PORTING: ALL SAE O-RING PORTING PER ISO 11926
ALL NPTF PORTING PER ANSI B1.20.1
 - 4) MOUNTING PROVISIONS: .41 DIA HOLE THRU
.59 DIA C'BORE X .41 DEEP
TYPICAL (2) PLACES
 - 5) MANIFOLD COATING: NONE

ITEM	PART NO.	SETTING	MATERIAL	PART NAME	QTY
12	A330-006-004		6061-T6 ALUMINUM	SAE -4 PLUG	4
11	A330-006-010			SAE -10 PLUG	2
10	A330-006-008			SAE -8 PLUG	7
9	280-038-031	.031 DIAMETER		.062-27 NPTF ORIFICE PLUG	1
8	SXEA-CBN	800 PSI		SEQUENCE VALVE	1
7	RDDA-CWN	3000 PSI		RELIEF VALVE	1
6	NFDD-LGN			NEEDLE VALVE	1
5	LRFC-XHN			MODULATING ELEMENT VALVE	1
4	NFEC-LEN			NEEDLE VALVE	1
3	DFDI-MCN-224D	24V DC		SOLENOID OPERATED DIRECTIONAL VALVE	1
2	CXFA-XAN			CHECK VALVE	1
1	17H-938		6061-T6 ALUMINUM	BODY	1

UNLESS OTHERWISE SPECIFIED		TITLE		REV B	PART NO. C102-040-F09
DIMENSION TOL		SCALE	REF	MATERIAL	
.X = ± .1		0.406		SEE BOM	
.XX = ± .05		DRAWN	CHECK	RELEASE	HEAT TREAT & FINISH
.XXX = ± .025		SMS	DSS	SMS	
ANGLE TOL ± 1°		DATE	DATE	DATE	SEE NOTES
FINISH 80		21FEB2021	21FEB2021	21FEB2021	
REMOVE ALL BURRS					
.005 MAX. BREAK					

LET	REVISION	DATE	DRN	CHK	MCR
B	IT#12 QTY WAS 1 IT#7 WAS CAN	03NOV21	SMS	RDH	22840
A	INITIAL RELEASE	21FEB2021	SMS	DSS	19247





TITLE				REV B	PART NO. C102-040-F09
CUSTOM MANIFOLD ASSEMBLY					
SCALE 0.406		REF		MATERIAL SEE BOM	
DRAWN SMS	CHECK DSS	RELEASE SMS	HEAT TREAT & FINISH		
DATE 21FEB2021	DATE 21FEB2021	DATE 21FEB2021	SEE NOTES		
UNLESS OTHERWISE SPECIFIED				SUN hydraulics®	
DIMENSION TOL				1500 WEST UNIVERSITY PKWY	
.X = ± .1				SARASOTA, FLORIDA 34243, USA	
.XX = ± .05				TELEPHONE (941) 362-1200	
.XXX = ± .025					
ANGLE TOL ± 1°					
FINISH 80					
REMOVE ALL BURRS					
.005 MAX. BREAK					
A	INITIAL RELEASE	21FEB2021	SMS DSS	19247	
LET	REVISION	DATE	DRN	CHK	MCR